

Energy Mapping Process at end Step 5

Facility	Area	Meter	Consum	%	Notes
Admin	15	Diesel	15	10%	Calculated consumption based on potential emergency circuit loads
Admin	15	Site Elec	300	13%	Know consum is 300 - only facility supplied by electricity not going through submeters
Heat Plant	0.5	Coal	850	100%	Only facility supplied by this sub-meter
Heat Plant	0.5	ElecSub1	14	1%	Pro-Rata based on floor area
Laundry	4	ElecSub3	250	100%	Only facility supplied by this sub-meter
Laundry	4	GasSub	800	100%	Only facility supplied by this sub-meter
Op. Theatres	6	Diesel	60	40%	Calculated consumption based on known emergency circuit loads
Op. Theatres	6	ElecSub1	174	17%	Pro-Rata based on floor area
Op. Theatres	6	ElecSub2	145	19%	Pro-Rata based on floor area
Op. Theatres	6	Site Gas	84	11%	Pro-Rata based on floor area
Ward1	25	ElecSub2	605	81%	Pro-Rata based on floor area
Ward1	25	Site Gas	351	44%	Pro-Rata based on floor area
Ward2	28	Diesel	75	50%	Calculated consumption based on known emergency circuit loads
Ward2	28	ElecSub1	812	81%	Pro-Rata based on floor area
Ward2	28	Site Gas	393	49%	Pro-Rata based on floor area
Total kWh			4928		

Apportioning Heat Plant Energy

Facilities Heated	Volume	Consumption (000 kWh)	Notes
Ward1	63	470	Pro-rata based on volume (Actual figures will be calculated by the application)
Admin	33	246	Pro-rata based on volume (Actual figures will be calculated by the application)
Op.Theatres	18	134	Pro-rata based on volume (Actual figures will be calculated by the application)
<u>Tot Volume</u>	<u>114</u>		

Check Consumption for Each Facility (total consumption / floor area)

Facility	Tot. Consum (incl heat plant)	kWh/sq. Metre
Admin	561	37
Ward 1	1425	57
Ward 2	1280	46
Laundry	1050	263
Operating Theatres	597	100
Heat Plant	14	29

FIGURE 7